

Fiber indoor/outdoor cable, LightScope® ZWP, gel-filled, loose tube, 12 fiber, Singlemode G.652.D and G.657.A1, Meters jacket marking, Yellow jacket color, Eca flame rating

OBSOLETE

This product was discontinued on: March 31, 2023

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-DN

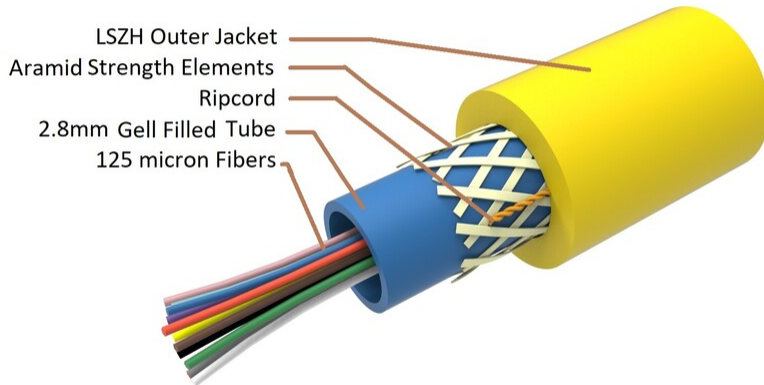
General Specifications

Cable Type	Loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Yellow
Jacket Marking	Meters
Subunit, quantity	1
Fibers per Subunit, quantity	12
Total Fiber Count	12

Dimensions

Cable Length	2000 m 6,561.68 ft
Buffer Tube/Subunit Diameter	2.8 mm 0.11 in
Diameter Over Jacket	6.4 mm 0.252 in

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded	140 mm 5.512 in
Minimum Bend Radius, unloaded	130 mm 5.118 in
Tensile Load, long term, maximum	400 N 89.924 lbf
Tensile Load, short term, maximum	500 N 112.405 lbf
Compression	20 N/mm 114.203 lb/in
Compression Test Method	IEC 60794-1-2 E3
Impact	2 N-m 17.701 in lb
Impact Test Method	IEC 60794-1 E4

Optical Specifications

Fiber Type	OS2
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Optical Specifications, Wavelength Specific

Attenuation, maximum	0.35 dB/km @ 1,300 nm
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Environmental Specifications

Installation temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)

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Storage Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
EN50575 CPR Cable EuroClass Fire Performance	Eca
Environmental Space	Universal Low Smoke Zero Halogen (ULSZH)

Environmental Test Specifications

Temperature Cycle	-10 °C to +60 °C (+14 °F to +140 °F)
Temperature Cycle Test Method	IEC 60794-1-2 F1

Packaging and Weights

Cable weight	31 kg/km 20.831 lb/kft
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Included Products

CS-8W-250-EMEA – LightScope® ZWP Singlemode Fiber
250um

* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable